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PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Joseph DOYLE

Serial No.: 10/045679

Group Art Unit: 1755

Filed: January 15, 2002

For: A PHASE CHANGE INK COMPOSITION

SECOND INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

As a means of complying with the duty of disclosure under 37 CFR §1.56, and in accordance with 37 CFR §§1.97 and 1.98, Applicant(s), through the undersigned attorney, submits this Information Disclosure Statement. The patents, publications or other information submitted herewith are listed on the attached Form PTO-1449 and copies are attached.

In accordance with 37 CFR §1.97(b)(3), this Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits of the above-identified application.

The patents and publications listed on Form PTO-1449 were cited in a European Search Report mailed not more than three

months ago in a counterpart European patent application. A copy of the European Search Report is enclosed. It is noted that copies of U.S. Patent 5405438, European Patent 0647885 and Great Britain Patent 2274847 are not attached since they were previously submitted with an IDS filed May 23, 2002.

Certification in accordance with 37 CFR §1.97(e) is included herein. Accordingly, it is respectfully submitted that no fee is required by the filing of this Information Disclosure Statement.

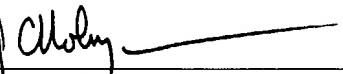
CERTIFICATION

It is hereby certified that the first citation of any item(s) by a foreign patent office in a counterpart foreign application was not made, in any communication from the foreign patent office, more than three months prior to the filing of this statement.

Respectfully submitted,

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By:


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Date: January 2, 2004

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**LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT**

ATTY. DOCKET NO.: P67557US0
 SERIAL NO.: 10/045679
 APPLICANT(S): DOYLE

GROUP ART UNIT: 1755
 FILING DATE: January 15, 2002
 TODAY'S DATE: January 2, 2003

U. S. PATENT DOCUMENTS

*EXAMINER <u>INITIAL</u>	DOCUMENT <u>NUMBER</u>	DATE	NAME	CLASS	SUB- <u>CLASS</u>	FILING DATE <u>If Appropriate</u>
AA	<u>4472537</u>	<u>09/18/84</u>	<u>Johnson et al</u>	<u>523</u>	<u>160</u>	<u></u>
AB	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>

FOREIGN PATENT DOCUMENTS

	DOCUMENT <u>NUMBER</u>	DATE	COUNTRY	CLASS	SUB- <u>CLASS</u>	TRANSLATION <u>YES) (NO)</u>
AC	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>
AD	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>
AE	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>
AF	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>
AG	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>
AH	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AI	<u></u>
AJ	<u></u>
AK	<u></u>

EXAMINER	DATE CONSIDERED
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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s)



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number

EP 02 39 4005

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
Y	US 4 472 537 A (CORNING GLASS WORKS) 18 September 1984 (1984-09-18) * column 4, line 8-11 * * column 7, line 8-42,60-66 * ---	1-6,14	C09D11/00 //B41M1/34
Y	GB 2 274 847 A (ATOMIC ENERGY AUTHORITY UK) 10 August 1994 (1994-08-10) * page 2, line 35 - page 3, line 4 * * abstract *	1-6,14	
A	US 5 405 438 A (FUJIOKA MASAYA) 11 April 1995 (1995-04-11) * column 1, line 53-66 * * column 2, line 36-42 * * column 3, line 48 - column 4, line 35 * ---	1,7-9,14	
A	EP 0 647 885 A (ZIMMER MICHAEL) 12 April 1995 (1995-04-12) * column 4, line 1-22 * * column 5, line 9-14 *	1,20	
TECHNICAL FIELDS SEARCHED (Int.Cl.7)			
C09D C09C B41M			
The present search report has been drawn up for all claims			
1	Place of search	Date of completion of the search	Examiner
EPO FORM 1603.03 B2 (P04/C01)	THE HAGUE	26 November 2003	Girard, Y
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone			
Y : particularly relevant if combined with another document of the same category			
A : technological background			
O : non-written disclosure			
P : intermediate document			

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 02 39 4005

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on. The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

26-11-2003

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 4472537	A	18-09-1984	CA DE EP ES JP JP JP	1198241 A1 3275836 D1 0105994 A1 8500631 A1 1718514 C 4000939 B 59054640 A	17-12-1985 30-04-1987 25-04-1984 16-01-1985 14-12-1992 09-01-1992 29-03-1984
GB 2274847	A	10-08-1994	NONE		
US 5405438	A	11-04-1995	JP	6306319 A	01-11-1994
EP 0647885	A	12-04-1995	DE AT CA DE DK EP ES GR JP US US	4413168 A1 182695 T 2133542 A1 59408535 D1 647885 T3 0647885 A1 2133457 T3 3031242 T3 7195815 A 6068692 A 5948471 A	20-04-1995 15-08-1999 08-04-1995 02-09-1999 29-11-1999 12-04-1995 16-09-1999 31-12-1999 01-08-1995 30-05-2000 07-09-1999



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**Europäisches
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abteilung

**European
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Datum/Date

09.12.03

Zeichen/Ref./Ref.	Anmeldung Nr./Application No./Demande n°./Patent Nr./Patent No./Brevet n°.
CARE01/C/EP	02394005.9-1214-

Anmelder/Applicant/Demandeur/Patentinhaber/Proprietor/Titulaire
Carey Brothers Limited

COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

- Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

The following specifications given by the applicant have been approved by the Search Division:

abstract

title

- The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract: **NONE**

09 DEC 2003



REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.